

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Kazunori INOGAI, et al.  
Application No.: New PCT National Stage Application  
Filed: June 9, 2005  
For: CHANNEL SIMULATION METHOD AND CHANNEL SIMULATOR

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

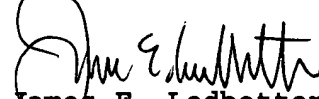
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. The year of publication of the KARIMI, et al. article is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the particular month of publication is not in issue. The H. SASAOKA article is discussed in the present application at page 27, first paragraph. The KARIMI, et al. article is discussed at page 34, line 24 et seq.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: June 9, 2005

JEL/spp

ATTORNEY DOCKET NO. L9289.05148

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.05148

SERIAL NO.

10/538143  
New PCT Nat'l Stage  
Application

APPLICANT

Kazunori INOGAI, et al.

FILING DATE

June 9, 2005

GROUP

Unassigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
*	2002 3 2 5 0 1 1	11/2002	JP				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PCT International Search Report dated April 20, 2004.

H.R. KARIMI, et al.; "A Novel and Efficient Solution to Block-Based Joint-Detection Using Approximate Cholesky Factorization," PIMRC' 1998 IEEE, pp. 1340-1345.

H. SASAOKA; "New Generation Method of Mutually Correlated Multipath Fading Waves," IEICE, Transaction, June 1988, vol.J71-B, No. 6, pp. 749-754 with partial English translation.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.